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<b>(21) International Application Number:</b> PCT/FI99/00384 <b>(22) International Filing Date:</b> 10 May 1999 (10.05.99) <b>(71) Applicant (for all designated States except US):</b> NOKIA NETWORKS OY [FI/FI]; P.O. Box 300, FIN-00045 Nokia Group (FI). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> NARKILAHTI, Kimmo [FI/FI]; Laivanvarustajankatu 9 B 58, FIN-00140 Helsinki (FI). PAHKALA, Hannu [FI/FI]; Ratsutilantie 2 A, FIN-33960 Pirkkala (FI). PUTKIRANTA, Petteri [FI/FI]; Kelkkamäentie 12 A, FIN-02610 Espoo (FI). <b>(74) Agent:</b> BERGGREN OY AB; P.O. Box 16, FIN-00101 Helsinki (FI).		<b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i> <i>In English translation (filed in Finnish).</i>

**(54) Title:** METHOD AND SYSTEM FOR DETERMINING OF OPERATING MODELS OF USERS OF A TELECOMMUNICATION SYSTEM

**(57) Abstract**

The invention relates to a method for defining the patterns of behaviour of users of a telecommunication system on the basis of information collected from the telecommunication system, in which method at least one variable or a combination of variables of the telecommunication system is defined, user-specific information corresponding to the defined at least one variable or a combination of variables is filtered from the information collected from the telecommunication system, and the users of the telecommunication system are divided into classes of behaviour patterns on the basis of said filtered user-specific information. In addition, the invention relates to a system for defining the behaviour patterns of users of a telecommunication system, which system comprises means (51) for defining at least one variable or a combination of variables of the telecommunication system, filtering means (53) for filtering said user-specific information corresponding to at least one variable or a combination of variables from the information received from the telecommunication system, and classifying means (55) for classifying the users of the telecommunication system on the basis of said filtered user-specific information.

